



## PROCESS CHANGE NOTICE (PCN)

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| PCN Number: 25024<br><br>Date Issued: 10/2/2025<br><br>Date Issued (+90 days) 12/31/2025 | Means of distinguishing changed devices:<br><br><input type="checkbox"/> Product Mark:<br><br><input type="checkbox"/> Back Mark<br><br><input type="checkbox"/> Date Code<br><br><input checked="" type="checkbox"/> Lot Number<br><br><input checked="" type="checkbox"/> Other: Ordering part number suffix change from '-R' to '-T'<br><br>Attachment: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
|--|--|

| Product(s) Affected   |                 | Ordering Part Number |
|-----------------------|-----------------|----------------------|
| Before (Tape on Reel) |                 | After (Tray)         |
| MXL86280C-ABE-R       | MXL86280C-ABE-T |                      |
| MXL86250C-ABE-R       | MXL86250C-ABE-T |                      |
| MXL86282C-ABE-R       | MXL86282C-ABE-T |                      |
| MXL86252C-ABE-R       | MXL86252C-ABE-T |                      |
| MXL86282I-ABE-R       | MXL86282I-ABE-T |                      |
| MXL86252I-ABE-R       | MXL86252I-ABE-T |                      |
| MXL86282S-ABE-R       | MXL86282S-ABE-T |                      |
| MXL86252S-ABE-R       | MXL86252S-ABE-T |                      |
| MXL86281S-ABE-R       | MXL86281S-ABE-T |                      |
| MXL86252L-ABB-R       | MXL86252L-ABB-T |                      |
| MxL86282L-ABB-R       | MxL86282L-ABB-T |                      |
| MxL86288L-ABB-R       | MxL86288L-ABB-T |                      |

| Description of Change  |
|--|
| <ul style="list-style-type: none"><li>Tray packing improves handling robustness and reduces mechanical stress, providing reliable delivery that aligns with customer expectations. Therefore, MaxLinear decided to convert the packing type for MxL862xx 2.5 Gigabit Ethernet Switch exposed die variants from tape-and-reel to tray.</li><li>The ordering part numbers listed in the table above will change from '-R' to '-T' to reflect the new packing method.</li></ul> |

| Impact of Change  |
|---|
| There is no change to the form, fit, function, process, or reliability of the product due to this update. Only the MOQ and the MaxLinear ordering part number are affected. |

### Purpose of Change

Improves handling robustness and reduces mechanical stress on the package, ensuring product quality and reliability.

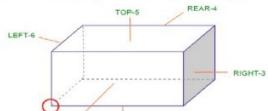
### Change Details

| Item                         | Current   | New/Additional   |
|------------------------------|---|--|
| <b>Assembly Process</b>      |   | No change  |
| <b>BOM Material Change</b>   |   | No change  |
| <b>Datasheet</b>             |   | The '-R' ordering part numbers will be replaced by '-T' ordering part numbers. |
| <b>External Hardware</b>     |   | No change  |
| <b>Form, Fit or Function</b> |   | No change  |
| <b>Manufacturing Site</b>    |   | No change  |
| <b>Marking</b>               |   | No change  |
| <b>Performance</b>           |   | No change  |
| <b>Product Design</b>        |   | No change  |
| <b>Software</b>              |   | No change  |
| <b>Testing</b>               |   | No change  |
| <b>Wafer Fabrication</b>     |   | No change  |
| <b>Other:</b>                | <b>Packing type:</b> Tape on Reel<br><b>MOQ:</b> 2000 | <b>Packing type:</b> Tray<br><b>MOQ:</b> 1680                                  |

### Reliability/Qualification Summary

- Tray packing was evaluated using the drop test method outlined in ISTA-2A. The test confirmed that product appearance and functionality remained within outgoing specifications, validating the packing's suitability for handling and transit.

Drop sequence : 1 corner, 3 edges and 6 faces (Total 10 drops)



| Drop sequence | Drop surface   | Drop sequence | Drop surface |
|---------------|----------------|---------------|--------------|
| 1             | Corner (1-2-6) | 6             | Right face   |
| 2             | Edge (1-4)     | 7             | Front face   |
| 3             | Edge (2-6)     | 8             | Rear face    |
| 4             | Edge (1-2)     | 9             | Bottom face  |
| 5             | Left face      | 10            | Top face     |



## Samples and Support

Contact our Customer Support team by creating a support ticket at

<http://www.maxlinear.com/support/createtime>

Phone: 1-760-692-0711

**Customers are advised to acknowledge receipt of this notification within 30 days of delivery of the notice. Lack of acknowledgement within 30 days constitutes acceptance of this change without further action. After acknowledgement, lack of additional communication within 90 days of acknowledgment can be considered as acceptance of change.**

Please submit this information to the contact above with the following information:

Customer: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Approval for shipments prior to effective date

Customer Comments (Optional):